

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-343686

(43)Date of publication of application : 12.12.2000

(51)Int.Cl.

B41J 2/01  
B41J 2/18  
B41J 2/185  
B41J 2/175

(21)Application number : 11-154784

(71)Applicant : SEIKO EPSON CORP

(22)Date of filing : 02.06.1999

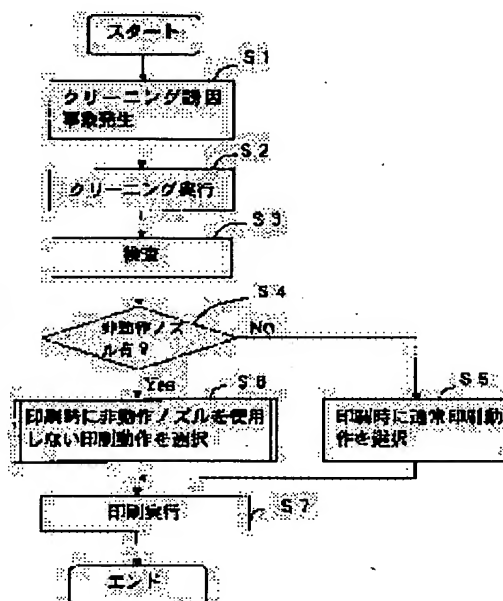
(72)Inventor : ENDO HIRONORI

## (54) CHECKUP OF NOZZLE AFTER NOZZLE CLEANING

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To moderate the deterioration of an image quality attributed to the clogging of a nozzle by automatically executing the checkup of the nozzle by a checkup part after cleaning when a cleaning operation is performed by a cleaning mechanism.

**SOLUTION:** When a cleaning-inducing phenomenon is generated, a cleaning mechanism executes cleaning of a nozzle (S1-S2), and the clogging of all the nozzles for six colors is executed using a missing dot checkup part (S3). When it is interpreted that no inoperative nozzles are present (S4), a routine printing operation is selected (S5) to execute the printing (S7) when a printing command is received from a computer. When it is interpreted that inoperative nozzles are present (S4), a printing operation using no inoperative nozzles is selected (S6) to execute the printing (S7) when the printing command is received from the computer during later printing.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office